A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A61M5/315

Intel Intel PCT/US2005/010036

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According to	o International Patent Classification (IPC) or to both national classification	cation and IPC		
	SEARCHED			
Minimum do IPC 7	A61M A61B A61F A61C B05C	tion symbols)		
Documenta	tion searched other than minimum documentation to the extent that	such documents are included in the fields sea	arched	
	ata base consulted during the international search (name of data betternal, WPI Data, PAJ	ase and, where practical, search terms used)		
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where appropriate, of the re	elevant passages	Relevant to claim No.	
X	US 4 940 459 A (NOCE ET AL) 10 July 1990 (1990-07-10)		1,2,7-9	
Α			13-15,20	
Y	US 4 312 343 A (LEVEEN ET AL) 26 January 1982 (1982-01-26) cited in the application figures 1-4		1-25	
Y	US 5 927 562 A (HAMMEN ET AL) 27 July 1999 (1999-07-27) column 3, lines 39-43; figures 1	,2	1,2,4, 11, 13-15,20	
Y	US 2002/016603 A1 (WELLS TIMOTHY 7 February 2002 (2002-02-07) abstract; figures 1-6	N)	3,7,12, 16,17	
		-/		
X Furti	her documents are fisted in the continuation of box C.	χ Patent family members are listed in	annex.	
<ul> <li>'A' document defining the general state of the art which is not considered to be of particular relevance</li> <li>'E' earlier document but published on or after the international filling date</li> <li>'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another cliation or other special reason (as specified)</li> <li>'O' document referring to an oral disclosure, use, exhibition or other means</li> <li>'P' document published prior to the international filling date but</li> </ul>		<ul> <li>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</li> <li>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> <li>"&amp;" document member of the same patent family</li> </ul>		
Date of the	actual completion of the international search	Date of mailing of the international sear		
5	July 2005	29/08/2005		
Name and r	nailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL – 2280 HV Rijswljk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  Fax: (+31-70) 340-3016	Authorized officer  Björklund, A		

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	tion) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Υ	WO 95/22941 A (MINNESOTA MINING AND MANUFACTURING COMPANY) 31 August 1995 (1995-08-31) page 10, lines 1-7; figures 1-16	5,6,18, 25
Y	US 2002/032447 A1 (WEIKEL STUART ET AL) 14 March 2002 (2002-03-14) figures 4A-B	8,9,19, 21
<b>(</b>	EP 0 919 206 A (CENTRIX, INC) 2 June 1999 (1999-06-02) figures 6,7,9-18	10,22-24
Y	WO 2004/002375 A (TECRES S.P.A; FACCIOLI, GIOVANNI; SOFFIATTI, RENZO) 8 January 2004 (2004-01-08) figures 1-9	1-25
Υ	WO 01/93787 A (COOK INCORPORATED; SABIN CORPORATION) 13 December 2001 (2001-12-13) figures 1-15	1-25
X	US 3 212 685 A (SWAN RICHARD JAMES ET AL) 19 October 1965 (1965-10-19) claim 1; figure 1	10,22-24

nation on patent family members

Intern 4 Application No
PCT/US2005/010036

Date			<del></del>		7 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 4940459	A	10-07-1990	AU	4343789 A	01-05-1990
			CA	2000470 A1	12-04-1990
			JP	4502713 T	21-05-1992
			WO	9003823 A1	19-04-1990
US 4312343	 А	26-01-1982	 AU	6042480 A	05-02-1981
	••	20 01 1302	DE	3028354 A1	26-02-1981
			FR	2462170 A1	13-02-1981
			GB	2058228 A , B	08-04-1981
			JP	56028770 A	20-03-1981
		•	ZA	8004243 A	29-07-1981
US 5927562	 А	27-07-1999	DE	29619558 U1	 19-03-1998
03 3927302	А	2/-0/-1999		<del>-</del>	15-09-2002
			AT	222812 T	
			AU	4097097 A	14-05-1998
			CA	2217446 A1	11-05-1998
			DE	59708054 D1	02-10-2002
			EP	0841098 A2	13-05-1998
			JP	10146346 A	02-06-1998
US 2002016603	A1	07-02-2002	US	2004010270 A1	15-01-2004
			AU	6495801 A	03-12-2001
			CA	2410549 A1	29-11-2001
			DE	20121643 U1	09-10-2003
			WO	0189396 A1	29-11-2001
W0 9522941	 А	31 <b>-</b> 08-1995	 ЕР	0748189 A1	18-12-1996
WU JJZZJ41	n	21-00-1332	EP	0748189 A1 0815802 A2	07-01-1998
			WO	9522941 A1	31-08-1995
				9322941 KI	J1 00 1990
US 2002032447	A1	14-03-2002	AU	8692401 A	13-03-2002
			BR	0113680 A	22-06 <b>-</b> 20 <b>0</b> 4
			CA	2420688 A1	07-03-2002
			CN	1449262 A	15-10-2003
			EP	1408841 A1	21-04-2004
			JP	2004514470 T	20-05-2004
			WO	0217794 A1	07-03-2002
			US	2004087956 A1	06-05-2004
			US	2004133208 A1	08-07-2004
	•		AU	8374901 A	22-03-2002
•			WO	0219930 A2	14-03-2002
			ZA	200301517 A	10-03-2004
EP 0919206	Α	02-06-1999	 US	6135771 A	24-10-2000
CI 0717200	~	06 OO 1222	AU	753487 B2	17-10-2002
				9328198 A	24-06-1999
			AU Ep		02-06-1999
			rr	0919206 A2 _	_
				1199199 <i>A</i> A	7.7 NO 1000
		·	JP	11221234 A	17-08-1999
				11221234 A 2001009754 A1	17-08-1999 26-07-2001
 WO 2004002375	.A	 08-01-2004	JP US IT	2001009754 A1 VI20020140 A1	26-07-2001 
 WO 2004002375	.A	 08-01-2004	JP US	2001009754 A1	26-07-2001
 WO 2004002375	.A	08-01-2004	JP US IT	2001009754 A1 VI20020140 A1	26-07-2001 
 WO 2004002375	.A	 08-01-2004	JP US IT AU	2001009754 A1 VI20020140 A1 2003240194 A1	26-07-2001 29-12-2003 19-01-2004
 WO 2004002375	.A	 08-01-2004	JP US IT AU BR	2001009754 A1 VI20020140 A1 2003240194 A1 0307380 A	26-07-2001 29-12-2003 19-01-2004 09-11-2004
	A	08-01-2004	JP US IT AU BR CA	2001009754 A1 VI20020140 A1 2003240194 A1 0307380 A 2471023 A1	26-07-2001 29-12-2003 19-01-2004 09-11-2004 08-01-2004
	.A	08-01-2004	JP US IT AU BR CA EP	2001009754 A1 VI20020140 A1 2003240194 A1 0307380 A 2471023 A1 1517655 A1	26-07-2001 29-12-2003 19-01-2004 09-11-2004 08-01-2004 30-03-2005

nation on patent family members

Inti val Application No PCT7US2005/010036

Patent document dted in search report		Publication date		Patent family member(s)		Publication date
WO 0193787	A	13-12-2001	WO US	0193787 2002010431		13-12-2001 24-01-2002
US 3212685	A	19-10-1965	GB	999506	A	28-07-1965
			CH	398445	Α	15-03-1966
			DE	1917254	U	03-06-1965
			NL	6400092	Α	25-11-1965